

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
18 September 2003 (18.09.2003)

PCT

(10) International Publication Number  
WO 03/076508 A1

- (51) International Patent Classification<sup>7</sup>: C08L 23/10, 23/04, 23/16, C08J 5/18
- (21) International Application Number: PCT/EP03/02299
- (22) International Filing Date: 5 March 2003 (05.03.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
02075991.6 12 March 2002 (12.03.2002) EP
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:**  
— of inventorship (Rule 4.17(iv)) for US only
- Published:**  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POLYOLEFIN COMPOSITIONS HAVING HIGH FLUIDITY

(57) Abstract: A polyolefin composition suitable for preparing films and sheets, comprising: (A) from 15 to 40 % by weight of a crystalline copolymer of propylene with at least one alpha-olefin of formula  $H_2C=CHR^1$ , where  $R^1$  is H or a  $C_{2-8}$  linear or branched alkyl, containing at least 90 % by weight of propylene, having solubility in xylene at room temperature lower than 15% by weight; (B) from 60 to 85 % by weight of an elastomeric fraction comprising: (1) a copolymer of propylene with ethylene, optionally containing 0.5 to 5 % by weight of a diene, containing from 20 to 35% by weight ethylene, and having solubility in xylene at room temperature greater than 45% by weight, the intrinsic viscosity of the xylene soluble fraction ranging from 1.0 to 3.9 dl/g; and (2) a copolymer of ethylene with at least one alpha-olefin of formula  $H_2C=CHR^2$ , where  $R^2$  is a  $C_{2-8}$  linear or branched alkyl, optionally containing 0.5 to 5 % by weight of a diene, containing 15 % to 40 % by weight alpha-olefin, and having solubility in xylene at room temperature greater than 35% by weight, the intrinsic viscosity of the xylene soluble fraction ranging from 1.0 to 3.0 dl/g; the (1)/(2) weight ratio ranging from 1:5 to 5:1. The polyolefin composition of the invention, preferably prepared by sequential polymerization in at least three stages, has a flexural modulus lower than 130 Mpa, shore D hardness lower than 40, and MFR  $\geq 1.5$  g/10min.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/02299

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L23/10 C08L23/04 C08L23/16 C08J5/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 360 868 A (BARRERA MARK E ET AL) 1 November 1994 (1994-11-01) abstract; claims 1-15 column 7, line 39 column 4, line 51 column 10; table 1B	1-12
X	EP 0 412 534 A (SHOWA DENKO KK) 13 February 1991 (1991-02-13) abstract; claims 1-9 page 3, line 35,49 page 4, line 30 page 7; table 1	1-6
A	WO 00 11057 A (NEWS JEAN ;COVEZZI MASSIMO (IT); GOVONI GABRIELE (IT); MONTECH USA) 2 March 2000 (2000-03-02) abstract; claims 1-8	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

23 May 2003

Date of mailing of the international search report

02/06/2003

Name and mailing address of the ISA

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International Application No

PCT/EP 03/02299

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